



1646 / \$ / 1646

PATENT
Attorney Docket No. FJN-070

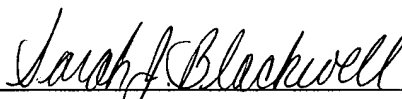
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Yamaguchi et al.
SERIAL NO.: 09/202,455 GROUP NO.: 1646
FILING DATE: December 15, 1998 EXAMINER: F. Hamud
TITLE: Novel Protein and Method for Producing the Protein

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JAN 03 2000

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 30th day of December, 1999.


Sarah J. Blackwell

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

Certificate of First Class Mailing (1 pg.); Transmittal Form (1 pg.); Fee Transmittal (1 pg.); Petition for Extension of Time Under 37 CFR 1.136(a) (1 pg.); Check in the amount of \$110.00 for One Month Extension of Time; Amendment and Response to Restriction Requirement (6 pgs.); Paper Copy of Sequence Listing (10 pgs.); and postcard.



TRANSMITTAL FORM

Application Serial Number	09/202,455
Filing Date	December 15, 1998
First Named Inventor	Yamaguchi
Group Art Unit	1646
Examiner Name	F. Hamud
Attorney Docket No.	FJN-070

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ENCLOSURES (check all that apply)

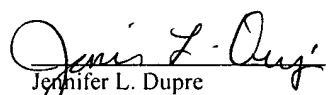
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund <input type="checkbox"/> After Allowance Communication to Group	<input type="checkbox"/> Appeal Communication to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) Paper copy of Sequence Listing
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CORRESPONDENCE ADDRESS

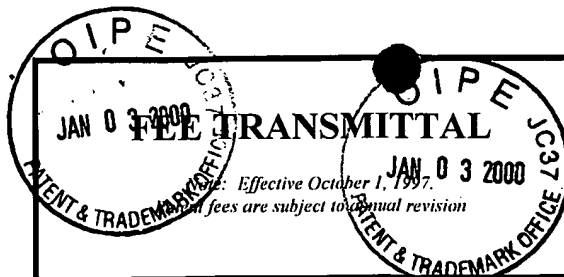
Direct all correspondence to: Patent Administrator
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,


Jennifer L. Dupre
Attorney for Applicant(s)
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110

Date: December 30, 1999
Reg. No. 41,722
Tel. No.: (617) 248-7216
Fax No.: (617) 248-7100



Delete if Known	
Application Serial Number	09/202,455
Filing Date	December 15, 1998
First Named Inventor	Yamaguchi et al.
Group Art Unit	1646
Examiner Name	F. Hamud
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METHOD OF PAYMENT		FEE CALCULATION (continued)			
1. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		3. ADDITIONAL FEES			
2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.		Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
		130	65	Surcharge - late filing fee or oath	
		50	25	Surcharge - late provisional filing fee or	
		130	130	Non-English specification	
		2,520	2,520	For filing a request for reexamination	
		110	55	Extension for reply within first month	110.00
		380	190	Extension for reply within second month	
		870	435	Extension for reply within third month	
		1,360	680	Extension for reply within fourth month	
		1,850	925	Extension for reply within fifth month	
		300	150	Notice of Appeal	
		300	150	Filing a brief in support of an appeal	
		260	130	Request for oral hearing	
		130	130	Petitions to the Commissioner	
		50	50	Petitions related to provisional applications	
		240	240	Submission of Information Disclosure Statement (37 CFR 1.97(c))	
		130	130	Submission of Information Disclosure Statement (37 CFR 1.97(d))	
		760	380	Filing a submission after final rejection (37 CFR 1.129(a))	
		760	380	For each additional invention to be examined (37 CFR 1.129(b))	
				Other (Specify)	
		SUBTOTAL (3)			(\$ 110.00)
1. FILING FEE					
Large Entity					
Fee (\$)	Fee Description			Fee Paid	
690	Utility filing fee				
310	Design filing fee				
150	Provisional filing fee				
Number Filed		Number Extra	Rate	Amount	
Total Claims - 20 =			x \$ 18.00 =		
Independent Claims - 3 =			x \$ 78.00 =		
<input type="checkbox"/> Multiple Dependent Claim(s), if any			\$260.00 =		
TOTAL:					
SMALL ENTITY DISCOUNT:					
SUBTOTAL (1)			(\$)	0.00	
2. AMENDMENT CLAIM FEES					
Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid	
Total -	=		x \$ 18.00 =		
Indep. -	=		x \$ 78.00 =		
<input type="checkbox"/> First Presentation of Multiple Dep. Claim			+ \$260.00 =		
TOTAL:				(\$)	
SMALL ENTITY DISCOUNT:				(\$)	
SUBTOTAL (2)				(\$)	0.00
CORRESPONDENCE ADDRESS		SIGNATURE BLOCK			
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100		Respectfully submitted, Date: December 30, 1999 Reg. No.: 41,722 Tel. No.: (617) 248-7216 Fax No.: (617) 248-7100 Jennifer L. Dupre Attorney for the Applicants Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110			



Box Seq / Gau 1646 WD

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EXAMINER:

F. Hamud

TITLE:

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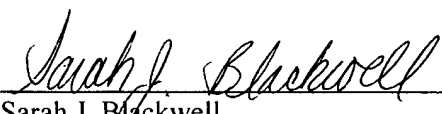
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Sarah J. Blackwell

BOX SEQUENCE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

Certificate of First Class Mailing (1 pg.); Transmittal Form (1 pg.); Copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (1 pg.); Response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures and Statements Under 37 CFR 1.821(f) and (g) (2 pgs.); Paper Copy of Sequence Listing (10 pgs.); Computer Readable Disk with Sequence Listing; and postcard.



TRANSMITTAL FORM

Application Serial Number	09/202,455
Filing Date	December 15, 1998
First Named Inventor	Yamaguchi
Group Art Unit	1646
Examiner Name	F. Hamud
Attorney Docket No.	FJN-070

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ENCLOSURES (check all that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)
<input type="checkbox"/> Formal Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Patent Appeals and Interferences |
| <input type="checkbox"/> Amendment/Response

<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition to Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application | <input checked="" type="checkbox"/> Return Receipt Postcard
<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 |
| <input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Form PTO-1449
<input type="checkbox"/> Copies of IDS Citations | <input type="checkbox"/> Small Entity Statement
<input type="checkbox"/> Request for Refund | <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below)
Paper copy of Sequence Listing (10 pgs.);
Copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (1 pg.); |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> After Allowance Communication to Group | Response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures and Statements Under 37 CFR 1.821 (f) and (g) (2 pgs.);
Computer Readable Disk with Sequence Listing |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | |

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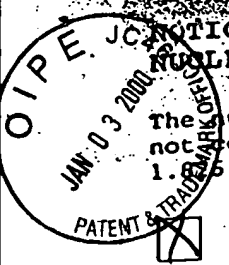
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Respectfully submitted,

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Jennifer L. Dupre
Attorney for Applicant(s)
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110



COPY

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 CFR 1.821.825. Applicant's attention is directed to these regulations, published at 114 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☒ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7. Other: _____

Applicant must provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing"
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)

For questions regarding compliance with these requirements, please contact

For Rules Interpretation, call (703) 308-1123
 For CRF submission help, call (703) 308-4212
 For PatentIn software help, call (703) 557-0400

Please return a copy of this notice with your response.